HALEY& ALDRICH

TEST BORING REPORT

Boring No. DP0173
File No. 32486
Sheet No. 2 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
10						SP	Same as above except fine grained, no stain.										
11						SP	Same as above except medium grained.										
12						SP	Same as above except medium to coarse grained.										
13																	
14	ND																
15							Soil gas at 15 feet.										
16																	
17																	
18	ND					SM	Soft, olive brown, silty SAND (SM), fine to medium grained, moist, no odor, no stain.										
						SP	Medium stiff, brown, SAND (SP), moist, no odor, no stain.										
19						SP	Same as above, except fine to medium grained.										
20																	
21							Soil gas at 21 feet.										
	0.1	022_0121.5 - 22.0															
22		022_0222.0 - 22.5				CL	Medium stiff, gray brown, CLAY (CL), wet, no odor, no stain.										
23																	
24					24.0		Bottom of exploration at 24 feet.										
							Note: Hole collapsed at 21 feet.										

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0173
File No. 32486
Sheet No. 3 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
							Borehole backfilled with hydrated bentonite upon completion.										

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0184

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 29, 2006
Finish: March 29, 2006
Driller: Fernando
H&A Rep.: K. Hoggan,G. Andro
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete rubble 6 inches thick.										
		001	0.5 - 1.0		0.5	SM	Medium dense, brown, silty SAND (SM), fine grained, cohesive, moist, no stain, no odor.				5	75	20				
1																	
2																	
		003	2.5 - 3.0														
3																	
4					4.0	CL	Medium stiff, brown, lean CLAY with sand (CL), low to medium plasticity, moist to wet, no stain, no odor, increased sand content with depth.					10	90			L-M	
		005	4.5 - 5.0														
5																	
6					6.0	CL	Medium stiff, brown, sandy CLAY (CL), low plasticity, moist, no stain, no odor.					40	60			L	
		007	6.5 - 7.0														
7					7.5	SM	Medium dense, brown, silty SAND (SM), fine grained, moist to wet, no stain, no odor.					60	40				
8					8.0		Bottom of exploration at 8 feet.										
							Groundwater not encountered. Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0184

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0185

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 28, 2006
Finish: March 28, 2006
Driller: Fernando
H&A Rep.: G. Androsko
Elevation Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0							Road loose, concrete.										
					0.6	SP	Loose, orange fill, SAND, coarse grained. -FILL-										
1		001	1.0 - 1.5			ML	Loose, medium brown, SILT (ML), moist, no odor, no stain.										
2						SP	Loose, medium brown, SAND (SP), coarse grained, moist, no odor, no stain.										
3		003	3.0 - 3.5														
4				NO WELL INSTALLED		SP	Loose, medium brown, SAND (SP), very fine to fine grained, moist, no odor, no stain.										
		005	4.5 - 5.0			CL	Medium stiff, medium brown, lean CLAY (CL), moist, no odor, no stain.										
5																	
6						ML	Medium stiff, medium brown, SILT (ML), moist, no odor, no stain, trace fine sand.										
		007	6.5 - 7.0														
7						SP	Loose, medium brown, SAND (SP), fine grained, moist, no odor, no stain.										
						SP	Same as above except, fine to medium grained.										
8					8.0		Bottom of exploration at 8 feet.										
							Groundwater not encountered. Borehole backfilled with hydrated bentonite.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0185

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0186

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 28, 2006
Finish: March 28, 2006
Driller: Fernando
H&A Rep.: K. Hoggan
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete/gravel 6 inches thick.										
		001	0.5 - 1.0		0.5	SM	Medium dense, brown, silty SAND, moist, no stain, no odor.										
1																	
2																	
		003	2.5 - 3.0														
3					3.0	ML	Soft to medium stiff, brown, clayey SILT (ML), low plasticity, moist, no stain, no odor.									L	
4																	
		005	4.5 - 5.0			ML	Soft to medium stiff, brown, sandy SILT (ML), cohesive, moist, no stain, no odor.										
5																	
6																	
7		007	7.0 - 7.5														
					7.6	SP	Medium dense, brown, SAND, fine grained, moist, no stain, no odor.										
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0186

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY& ALDRICH

TEST BORING REPORT

Boring No. DP0194A

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 3
Start: April 12, 2006
Finish: April 12, 2006
Driller: E. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			See Test Boring Report DP0194 for soil descriptions from 0 to 15 feet.										
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0194A

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0194A
File No. 32486
Sheet No. 2 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
10																	
11																	
12																	
13																	
14																	
15					15.0												
16						SW	Soft, light brown, SAND (SW), fine to medium grained, moist, no odor.										
17																	
18																	
19																	
20		020	19.5 - 20.0														
21						SP	Same as above, except fine grained.										
22	2.3	022	21.5 - 22.0			SP	Same as above, except very fine grained.										
23																	
24						SM	Soft, light brown, silty SAND (SM), fine grained, moist, no odor.										

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP0194A

HALEY& ALDRICH

TEST BORING REPORT

Boring No. DP0194A
File No. 32486
Sheet No. 3 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
25	1.3	025	25.0 - 25.5			SC	Medium stiff, light brown, clayey SAND (SC), very fine to fine grained, moist, no odor.										
26							Groundwater encountered at 26.5 feet.										
27							Soft, light brown, SAND, fine to medium grained, wet, no odor.										
28					28.0		Bottom of exploration at 28 feet.										

Note:
Collected 1 foot cores for geotechnical tests at 3, 7, 11, 17, and 22 feet.
Groundwater encountered at 26.5 feet.

Borehole backfilled with hydrated bentonite upon completion.

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY& ALDRICH

TEST BORING REPORT

Boring No. DP0196A

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 3
Start: April 12, 2006
Finish: April 12, 2006
Driller: E. Vasquez
H&A Rep.: G. Androsko,K. Hog

Elevation
Datum

Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			See Test Boring Report DP0196 for soil descriptions from 0 to 16 feet.										
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0196A

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0196A
File No. 32486
Sheet No. 2 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
16					16.0	SP	Medium stiff, olive brown, SAND (SP), medium grained, moist, no odor.										
20		020	19.5 - 20.0			SP	Same as above, except soft, wet.										
22						CH	Stiff, dark brown, CLAY (CH), moist, no odor.										
23							Medium stiff, dark brown, SAND, fine grained, moist, no odor.										
24		024	23.5 - 24.0		24.0		Bottom of exploration at 24 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0233

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 28, 2006
Finish: March 28, 2006
Driller: Fernando
H&A Rep.: K. Hoggan,G. Andro
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0		000	0.0 - 0.5				Concrete 6 inches thick.										
1		001	0.5 - 1.0		0.5	SP	Medium dense, brown, poorly graded SAND (SP), fine grained, moist, no odor, no stain.										
2		002	1.5 - 2.0														
3		003	2.5 - 3.0			SP	Same as above.										
4		004	3.5 - 4.0	NO WELL INSTALLED													
					4.2	CL	Medium stiff, brown, lean CLAY (CL) with sand, fine grained, low plasticity, moist, no odor, no stain.					10	90		M	L	
5		005	4.5 - 5.0		4.6	SM	Medium dense, silty SAND (SM) with clay, fine to medium grained, cohesive, moist, no odor, no stain.				15	45	40				
6																	
7		007	6.5 - 7.0														
8					8.0		Bottom of exploration at 8 feet.										
							Groundwater not encountered. Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0233

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0235

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 28, 2006
Finish: March 28, 2006
Driller: Fernando
H&A Rep.: K. Hoggan
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 6 inches thick.										
		000	0.5 - 1.0		0.5	SP	Medium dense, brown, poorly graded SAND (SP), fine grained, cohesive, moist, no odor, no stain.				5	90	5				
1		001	1.0 - 1.5														
		002	1.5 - 2.0		1.6	SP	Medium dense, brown, silty SAND (SP), fine to medium grained, no structure, moist, no odor, no stain, mica.				15	70	15				
2																	
		003	2.5 - 3.0														
3					3.0	CL	Medium stiff, dark brown, sandy lean CLAY (CL), medium plasticity, no structure, no odor, no stain, mica present.									M	
		004	3.5 - 4.0														
4																	
		005	4.5 - 5.0		4.6	SC	Medium dense, brown, clayey SAND (SC), fine to medium grained, low plasticity, moist, no odor, no stain.				10	45	45			L	
5																	
6																	
		007	6.5 - 7.0		6.4	CL	Soft to medium stiff, brown, sandy CLAY (CL), medium plasticity, moist, no odor, no stain.					30	70			M	
7																	
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Depth (ft.) to: Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0235

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0237

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 28, 2006
Finish: March 28, 2006
Driller: Fernando
H&A Rep.: K. Hoggan
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 8 inches thick.										
		000	0.5 - 1.0		0.7	SP	Loose, brown, SAND (SP), fine to medium grained, cohesive, moist, no odor, no stain.				20	70	10				
1																	
2																	
		003	2.5 - 3.0														
3																	
					3.6	CL	Medium stiff, dark brown, sandy lean CLAY (CL), fine grained, low plasticity, moist, no odor, no stain.					30	70			L	
4		004	4.0 - 4.5														
5		005	5.0 - 5.5														
6																	
		007	6.5 - 7.0														
7						SC	Medium dense, brown, clayey SAND (SC), low plasticity, cohesive, moist, no odor, no stain.									L	
8					8.0		Bottom of exploration at 8 feet.										
							Groundwater not encountered. Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0237

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0238

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: April 10, 2006
Finish: April 10, 2006
Driller: F. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0		000	0.0 - 0.5				Concrete 6 inches thick.										
					0.5	SP	Medium dense, brown, poorly graded SAND (SP), fine to medium grained, moist, no odor, no stain.				15	85					
1																	
2		002	2.0 - 2.5														
3																	
4	ND	004	4.0 - 4.5	NO WELL INSTALLED		SP	Same as above.				25	75					
5																	
6	ND	006	6.0 - 6.5														
7																	
					7.4	SC	Medium dense, brown, clayey SAND (SC), cohesive, low plasticity, moist, no odor, no stain									L	
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0238

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0240

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: April 10, 2006
Finish: April 10, 2006
Driller: F. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0		000	0.0 - 0.5				Concrete 6 inches thick.										
					0.5	SM	Medium dense, brown, silty SAND (SM), cohesive, moist to wet, no odor, no stain.					65	35				
1																	
		002	1.5 - 2.0														
2																	
3																	
4		004	4.0 - 4.5	NO WELL INSTALLED		SM	Same as above, except coarsens downward, moist.					75	25				
5																	
6		006	6.0 - 6.5		6.0		Bottom of exploration at 8 feet.										
							Groundwater not encountered. Borehole backfilled with hydrated bentonite upon completion.										
7																	
8																	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0240

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0241

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: April 10, 2006
Finish: April 10, 2006
Driller: F. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 6 inches thick.										
1	ND	000	0.5 - 1.0		0.5	SP	Loose, brown, SAND (SP), fine to medium grained, moist, no odor, no stain.				40	60					
2					1.6	SM	Medium dense, brown, silty SAND (SM), cohesive, moist, no odor, no stain.										
	ND	002	2.0 - 2.5		2.0	SP	Loose, brown, SAND (SP), fine to medium grained, no odor, no stain.				50	50					
3																	
4	ND	004	4.0 - 4.5		4.0	CL	Medium stiff, brown, CLAY (CL) with sand, low plasticity, moist, no odor, no stain.					10	90			L	
5																	
6	ND	006	6.0 - 6.5		6.0	SP	Loose, yellow brown, poorly graded SAND (SP), fine to medium grained, moist, no odor, no stain.				40	60					
7																	
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0241

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0242

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: April 10, 2006
Finish: April 10, 2006
Driller: F. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 6 inches thick.										
					0.5	SP	Loose, brown, poorly graded SAND (SP), fine to medium grained, moist, no odor, no stain, mica present.				45	55					
1	ND	001	1.0 - 1.5														
2																	
	ND	003	2.5 - 3.0														
3																	
4					4.0	CL	Medium stiff, brown, sandy CLAY (CL), fine grained, low to medium plasticity, moist, no odor, no stain.					20	80			L-M	
5	ND	005	5.0 - 5.5														
6					6.0	SP	Loose, brown to yellow brown, poorly graded SAND (SP), fine to medium grained, moist, no odor, no stain.				40	60					
	ND	007	6.5 - 7.0														
7																	
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0242

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0243

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: March 28, 2006
Finish: March 28, 2006
Driller: Fernando
H&A Rep.: K. Hoggan
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G		Rig Make & Model: GeoProbe
Inside Diameter (in.)		1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)		Push	-	Drill Mud: None
Hammer Fall (in.)			-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 6 inches thick.										
		001	0.5 - 1.0		0.5	SM	Medium dense, brown, silty SAND (SM), fine grained, cohesive, moist, no odor, no stain.					75	25				
1					1.6	ML	Medium stiff, brown, clayey SILT (ML), low plasticity, moist, no odor, no stain.					5	95			L	
2					2.4	SM	Medium dense, brown, poorly graded silty SAND (SM), fine grained, moist, no odor, no stain.					65	35				
		003	2.5 - 3.0														
3					3.8	ML	Brown, clayey SILT with sand (ML), low plasticity, moist, no odor, no stain.					10	90			L	
4																	
		005	4.5 - 5.0														
5																	
6																	
		007	6.5 - 7.0		6.6	SM	Brown, silty SAND (SM), moist, no odor, no stain.					75	25				
7																	
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0243

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0246

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: April 10, 2006
Finish: April 10, 2006
Driller: F. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 6 inches thick.										
1	ND	001	0.5 - 1.0		0.5	SP	Loose, brown, poorly graded SAND (SP), fine to medium grained, cohesive, moist, no odor, no stain.				50	50					
2	0.2																
3		003	2.5 - 3.0														
4	ND																
5		005	4.5 - 5.0		4.3	CL	Medium stiff, brown, sandy CLAY (CL), low plasticity, moist, no odor, no stain.					30	70				
6																	
7		007	6.5 - 7.0		6.8	SP	Medium dense, brown to yellow brown, poorly graded SAND (SP), fine to medium grained, moist, no odor, no stain.				40	60					
8					8.0		Bottom of exploration at 8 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0246

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0247

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 1
Start: April 12, 2006
Finish: April 12, 2006
Driller: E. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED		SP	Loose, brown, SAND (SP), medium to coarse grained, trace gravel, wet, no odor.										
1		001	1.0 - 1.5			SW	Same as above, except fine to coarse grained.										
2		002	2.0 - 2.5														
3						SW	Same as above, except wet.										
4																	
5		005_01	4.5 - 5.0			CL	Soft, brown, sandy CLAY (CL), wet, no odor.										
		005_02	5.0 - 5.5														
6																	
7						SW	Soft, brown, SAND (SW), fine to medium grained, wet, no odor.										
8					8.0		Bottom of exploration at 8 feet.										
							Note: 8-12 foot sample 25% full of mud/water - soil is super saturated. Stopped boring.										
							Borehole backfilled with hydrated bentonite upon completion.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0247

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH — TEST BORING REPORT

Boring No. DP0249

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 3
Start: April 11, 2006
Finish: April 11, 2006
Driller: Fernando
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 6 inches thick.										
					0.5	SP	Loose, brown, SAND (SP), fine to medium grained, moist, no odor, no stain.										
1																	
		001	1.5 - 2.0		1.5	SC	Medium dense, dark brown, clayey SAND (SC), fine to medium grained, cohesive, moist, no odor, no stain.										
2																	
3																	
4																	
						SP	Medium dense, brown, SAND (SP), fine to medium grained.										
5		006	5.0 - 5.5				Soil gas at 5 feet.										
						SM	Medium dense, brown, silty SAND (SM), fine grained, cohesive, moist, no odor, no stain.										
6																	
7																	
						ML	Medium stiff, brown, sandy SILT (ML), cohesive, moist, no odor, no stain.										
8																	
						ML	Soft to medium dense, brown, SILT (ML), layering, carbonate nodules.										
9																	
10																	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0249

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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HALEY& ALDRICH

TEST BORING REPORT

Boring No. DP0249
File No. 32486
Sheet No. 2 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
10						SP	Medium dense, brown, SAND (SP), fine grained, moist, no odor, no stain.										
11	0.8																
12																	
13																	
14																	
15	0.7						Soil gas at 15 feet.										
						SM	Medium dense, brown to olive brown, silty SAND (SM), fine grained, moist, no odor, no stain.										
16																	
						ML	Soft to medium stiff, brown, SILT (ML), moist, no odor, no stain.										
17																	
						SP	Medium dense, brown, SAND (SP), fine grained, moist, no odor, no stain.										
18																	
19	0.5																
20																	
21							Soil gas at 21 feet.										
	0.9																
22						SP	Same as above, except wet.										
		023	22.5 - 23.0														
23						ML	Soft to medium stiff, brown, SILT (ML), low plasticity, cohesive, moist, no odor, no stain.										
						SP	Medium dense, brown, SAND (SP), fine grained, moist to wet, no odor, no stain.										
24																	

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP0249

HALEY& ALDRICH

TEST BORING REPORT

Boring No. DP0249
File No. 32486
Sheet No. 3 of 3

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
25					25.0		Bottom of exploration at 25 feet.										
							Note: Hole collapsed at 21 feet. Soil gas at 5, 15, 21 feet.										
							Borehole backfilled with hydrated bentonite upon completion.										

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH

TEST BORING REPORT

Boring No. DP0250

Project: Former Anaheim Battery Operations 1201 N. Magnolia
Client: Delphi Corporation
Contractor: Interphase

File No.: 32486 - 006
Sheet No.: 1 of 2
Start: April 12, 2006
Finish: April 12, 2006
Driller: E. Vasquez
H&A Rep.: G. Androsko,K. Hog
Elevation
Datum
Location
N -
E -

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G		Rig Make & Model: GeoProbe
Inside Diameter (in.)	-	1 3/4		Bit Type: Cutting Head
Hammer Weight (lb.)	-	Push	-	Drill Mud: None
Hammer Fall (in.)	-		-	Casing: MacroCore
				Hoist/Hammer: Hydraulic

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED			Concrete 8 inches thick.										
					0.7												
1						SW	Soft, brown, SAND (SW), fine to medium grained, damp, no odor.										
2	2.3	002	2.0 - 2.5			SW	Same as above, except fine grained, black mottling.										
						SC	Medium stiff, dark brown, clayey SAND (SC), fine grained, moist, no odor.									L	
3																	
						SP	Soft, brown, SAND (SP), fine to medium grained, moist, no odor.										
4																	
5																	
						CL	Medium stiff, brown, sandy CLAY (CL), very fine grained, moist, no odor.										
6	1.3	006	6.0 - 6.5														
7						CL	Stiff, brown, CLAY (CL), moist, no odor.										
8																	
9																	
	2.0	010	9.5 - 10.0														
10																	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.)
Rock Cored (lin. ft.)
Samples

Boring No. DP0250

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification and percentages based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. DP0250
File No. 32486
Sheet No. 2 of 2

Depth (ft.)	PID (ppm)	Sample No.	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size**, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
10						SW	Soft, brown, SAND (SW), fine to medium grained, moist, no odor.										
11																	
12					12.0		Bottom of exploration at 12 feet. Groundwater not encountered. Borehole backfilled with hydrated bentonite upon completion.										

*SPT = Sampler blows per 6 in. **Maximum particle size (mm) is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.